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EXAMINER

NANO, SARGON N

ART UNIT

PAPER NUMBER

2157

DATE MAILED: 05/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/086,592	Applicant(s) RAMER ET AL.	
	Examiner Sargon N. Nano	Art Unit 2157	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ____ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 - 55 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1 - 55 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>5/02, 5/05</u> | 6) <input type="checkbox"/> Other: ____ |

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DETAILED ACTION

1. This action is responsive to application filed on Feb. 25, 2002. Claims 1- 55 are pending examinations.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1 – 55 are rejected under 35 U.S.C. 102(e) as being anticipated by Chakrabarti.

Chakrabarti teaches a method for interactively creating an information database including preferred information elements, such as preferred authority world wide web pages(see abstract).

As to claim 1, Chakrabarti teaches a method for modifying an hierarchical structure for electronically organizing content in a channel communicating over a network with content sites, the structure specifying a channel node having a network address and hierarchically arranged sub-nodes each selectively having a pointer to particular content and links specifying the hierarchy, the method comprising:

displaying a representation of the structure (see col. 6 lines 37 – 53 and fig. 5 Chakrabarti discloses the display representation of the organizational structure);

receiving a selection of a node during a user session (see col. 12 lines 10 – 23 Chakrabarti discloses user selection of the hierarchical classification frame to populate) ;

receiving an identification of a location to insert the node within the hierarchical structure during the user session (see col. 13 line 63 – col. 14 line 14 Chakrabarti discloses the user submission of the identification of the new structure) ;

temporarily inserting the node within the hierarchical structure during the user session (see col. 12 lines 29 – 47, Chakrabarti discloses the population of frames have been exhausted before final modifications) ; and

establishing the node as part of the hierarchical structure for retrieval and use during a subsequent user session (see col. 13 – 63 – col. 14 line 33 Chakrabarti discloses after the identification of the a location to insert the node , the information are organized in a hierarchical fashion that makes it easier to retrieve).

As to claim 2, Chakrabarti teaches the method of claim 1 wherein the inserting step includes locally caching an identification of the node and the location (see col. 13 line 63 – col. 14 line 14).

As to claim 3, Chakrabarti teaches the method of claim 1 wherein the inserting step includes initially assigning a random number to the node (it is inherent that a device would initially have a default random value).

As to claim 4, Chakrabarti teaches the method of claim 1 wherein the establishing step includes assigning a key to the node, wherein the key is selected

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based upon the location(see col.18 line 64 – col.19 line 45, and figs.2A – 4B, the user would assign a key such as an identifier of a path for an item that is categorized in the hierarchical structure such as in Figures 2A-4B, in order to locate item. This key would contain levels of identifiers, that represents the levels of the structure leading to item) .

As to claim 5, Chakrabarti teaches the method of claim 4 wherein the assigning step includes assigning a plurality of identifiers to the node (see col. 27 lines 9 – 50).

As to claim 6, Chakrabarti teaches the method of claim 5 wherein the assigning step includes assigning an identifier to the node providing an address path of the node within the hierarchical structure (see col. 6 line 54 – col.7 line 6).

As to claim 7, Chakrabarti teaches the method of claim 1 wherein the establishing step includes transmitting an identification of the node and the hierarchical structure to a remote server (see col. 5 lines 30 – 36).

As to claim 8, Chakrabarti teaches the method of claim 1 wherein the receiving the identification of the location step includes tracking a cursor position to detect placement of the node within the displayed representation(see col.15 line 59 – col.16 line 18).

As to claim 9, Chakrabarti teaches the method of claim 8 wherein the tracking step includes detecting a user dragging and dropping the node within the displaying representation using a cursor-control device (see col.15 line 59 – col.16 line 18)

As to claim 10, Chakrabarti teaches the method of claim 1, further including modifying the displayed representation to indicate the node inserted into the hierarchical structure (see col. 6 lines 39 – 53).

As to claim 11, Chakrabarti teaches the method of claim 1 wherein the displaying step includes displaying icons having connections, the icons representing the channel node, the sub-nodes, and the node, and the connections representing the hierarchical relationships between the channel node, the sub-nodes, and the node (see col. 15 line 59 – col. 16 line 10 and fig.5).

As to claim 12, Chakrabarti teaches a method for modifying an hierarchical structure for electronically organizing content in a channel communicating over a network with content sites, the structure specifying a channel node having a network address and hierarchically arranged sub-nodes each selectively having a pointer to particular content and links specifying the hierarchy, the method comprising:

displaying a representation of the structure, including displaying at least one master node(see col. 6 lines 37 – 53and fig. 5);

receiving a selection of the master node during a user session(see col. 12 lines 10 – 23);

receiving an identification of a location to insert the master node within the hierarchical structure during the user session(see col. 13 line 63 – col. 14 line 14);

inserting a representation of the master node in the identified location of the hierarchical structure(see col.12 lines 29 – 47);

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receiving changes to the master node; and automatically propagating the changes to the inserted master nodes in the hierarchical structure(see col. 6 lines 54 - col.7 line 6).

As to claim 13, Chakrabarti teaches the method of claim 12, further including:
displaying at least a master structure for the master node, the master structure specifying a node structure associated with each inserted master node in the hierarchical structure(see col. 6 lines 37 – 53and fig. 5);

receiving structural changes to master node(see col. 6 lines 54 - col.7 line 6).
; and

automatically propagating the structural changes to the inserted master nodes in the hierarchical structure. see col. 6 lines 37 – 53and fig. 5);

As to claim 14, Chakrabarti teaches the method of claim 12 wherein the receiving changes step includes receiving at least one of the following associated with the master node: content; a link to content; and a network address (see col. 7 line 66 – col. 8 line 21).

As to claim 15, Chakrabarti teaches the method of claim 12, further including associating each master node with a particular user group (see col. 32 line 66 – col. 33 line.9).

As to claim 16, Chakrabarti teaches the method of claim 12, further including specifying properties for each master node (see col. 32 line 66 – col. 33 line9).

As to claim 17, Chakrabarti teaches the method of claim 16 wherein the receiving changes step includes receiving information for the properties(see col. 32 line 66 – col. 33 line.9).

As to claim 18, Chakrabarti teaches the method of claim 16 wherein the specifying properties step includes specifying permissions associated with users having access to the master node, the permissions specifying changes the users can make to the master node (see col. 12 lines 10 – 23).

As to claim 19, the method of claim 18 wherein the specifying permission step includes specifying default permission(see col. 12 lines 10 – 23).

As to claim 20, Chakrabarti teaches a method for modifying an hierarchical structure for electronically organizing content in a channel communicating over a network with content sites, the structure specifying a channel node having a network address and hierarchically arranged sub-nodes each selectively having a pointer to particular content and links specifying the hierarchy, the method comprising:

- displaying a representation of the structure(see col. 6 lines 37 – 53and fig. 5);
- receiving a selection of a node during a user session(see col. 12 lines 10 – 23);
- receiving user-specified properties for the node(see col. 12 lines 10 – 23);
- classifying the node as a custom node controlled by the user-specified properties(see col. 12 lines 10 – 23) ;
- receiving an identification of a location to insert the custom node within the hierarchical structure during the user session(see col. 13 line 63 – col. 14 line 14); and

inserting a representation of the custom node in the identified location of the hierarchical structure(see col.12 lines 29 – 47).

As to claim 21, Chakrabarti teaches the method of claim 20 wherein the classifying step includes specifying data for the custom node based upon the user-specified properties (see col. 12 lines 29 – 47).

As to claim 22, Chakrabarti teaches the method of claim 20 wherein the receiving the selection step includes receiving selection of a particular one of a plurality of preconfigured custom nodes (see col. 12 lines 29 – 47).

As to claim 23, method of claim 20, further including receiving identification of user-specified fields for the custom node (see col. 13 line 63 – col. 14 line 14).

As to claim 24, Chakrabarti teaches the method of claim 20 wherein the receiving the properties step includes receiving a query used to retrieve sub-nodes for the custom node (see col. 13 lines 63 – col. 14 line 14).

As to claim 25, Chakrabarti teaches the method of claim 24 wherein the receiving the properties step includes receiving as the query an identification of a location and a term for use in performing a search of the term at the location to obtain sub-nodes for the custom node (see col. 13, line 63 – col. 14 line 14).

As to claim 26, Chakrabarti teaches an apparatus for modifying an hierarchical structure for electronically organizing content in a channel communicating over a network with content sites, the structure specifying a channel node having a network address and hierarchically arranged sub-nodes each selectively having a pointer to particular content and links specifying the hierarchy, the apparatus comprising:

a display module for displaying a representation of the structure(see col. 6 lines 37 – 53and fig. 5);

a selection module for receiving a selection of a node during a user session(see col. 12 lines 10 – 23);

a receive module for receiving an identification of a location to insert the node within the hierarchical structure during the user session(see col. 13 line 63 – col. 14 line 14); an

insert module for temporarily inserting the node within the hierarchical structure during the user session (see col.12 lines 29 – 47); and

a module for establishing the node as part of the hierarchical structure for retrieval and use during a subsequent user session(see col. 13 lines63 – col. 14 line 14).

As to claim 27, Chakrabarti teaches the apparatus of claim 26 wherein the insert module includes a module for locally caching an identification of the node and the location(see col. 13 line 63 – col. 14 line 14).

As to claim 28, Chakrabarti teaches the apparatus of claim 26 wherein the insert module includes a module for initially assigning a random number to the node (it is inherent that a device would initially have a default random value) .

As to claim 29, Chakrabarti teaches the apparatus of claim 26 wherein the module for establishing includes an assign module for assigning a key to the node, wherein the key is selected based upon the location (see col.18 line 64 – col.19 line 45, and figs.2A – 4B, the user would assign a key such as an identifier of a path for an item

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that is categorized in the hierarchical structure such as in Figures 2A-4B, in order to locate item. This key would contain levels of identifiers, that represents the levels of the structure leading to item) .

As to claim 30, Chakrabarti teaches the apparatus of claim 29 wherein the assign module includes a module for assigning a plurality of identifiers to the node (see col. 27 lines 9 – 50).

As to claim 31, Chakrabarti teaches the apparatus of claim 30 wherein the assign module includes a module for assigning an identifier to the node providing an address path of the node within the hierarchical structure (see col. 6 line 54 – col.7 line 6).

As to claim 32, Chakrabarti teaches the apparatus of claim 26 wherein the module for establishing includes a module for transmitting an identification of the node and the hierarchical structure to a remote server (see col. 13, line 63 – col. 14 line14).

As to claim 33, Chakrabarti teaches the apparatus of claim 26 wherein the receive module includes a module for tracking a cursor position to detect placement of the node within the displayed representation (see col.15 line 59 – col.16 line 18).

As to claim 34, Chakrabarti teaches the apparatus of claim 33 wherein the tracking module includes a module for detecting a user dragging and dropping the node within the displaying representation using a cursor-control device (see col.15 line 59 – col.16 line 18).

As to claim 35, Chakrabarti teaches the apparatus of claim 26, further including a module for modifying the displayed representation to indicate the node inserted into the hierarchical structure (see col. 6 lines 39 – 53).

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As to claim 36, Chakrabarti teaches the apparatus of claim 26 wherein the display module includes a module for displaying icons having connections, the icons representing the channel node, the sub-nodes, and the node, and the connections representing the hierarchical relationships between the channel node, the sub-nodes, and the node(see col.15 line 59 – col.16 line 18) .

As to claim 37, Chakrabarti teaches an apparatus for modifying an hierarchical structure for electronically organizing content in a channel communicating over a network with content sites, the structure specifying a channel node having a network address and hierarchically arranged sub-nodes each selectively having a pointer to particular content and links specifying the hierarchy, the apparatus comprising:

- a display module for displaying a representation of the structure, including displaying at least one master node(see col. 6 lines 37 – 53and fig. 5);

- a selection module for receiving a selection of the master node during a user session; (see col. 12 lines 10 – 23);

- a receive module for receiving an identification of a location to insert the master node within the hierarchical structure during the user session(see col. 13 line 63 – col. 14 line 14);

- an insert module for inserting a representation of the master node in the identified location of the hierarchical structure(see col.12 lines 29 – 47);

- a module for receiving changes to the master node(see col. 12 lines 10 – 23);;

and

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a module for automatically propagating the changes to the inserted master nodes in the hierarchical structure(see col. 6 lines 54 - col.7 line 6).

As to claim 38, Chakrabarti teaches the apparatus of claim 37, further including:

a module for displaying at least a master structure for the master node, the master structure specifying a node structure associated with each inserted master node in the hierarchical structure(see col. 6 lines 37 – 53and fig. 5);

a module for receiving structural changes to master node (see col. 12 lines 10 – 23) ; and

a module for automatically propagating the structural changes to the inserted master nodes in the hierarchical structure(see col. 6 lines 54 - col.7 line 6).

As to claim 39, Chakrabarti teaches the apparatus of claim 37 wherein the module for receiving changes includes a module for receiving at least one of the following associated with the master node: content; a link to content; and a network address (see col. 7 line 66 – col. 8 line 21).

As to claim 40, Chakrabarti teaches the apparatus of claim 37, further including a module for associating each master node with a particular user group (see col. 32 line 66 – col. 33 line.9).

As to claim 41, Chakrabarti teaches the apparatus of claim 37, further including a module for specifying properties for each master node(see col. 32 line 66 – col. 33 line.9).

As to claim 42, Chakrabarti teaches the apparatus of claim 41 wherein the module for receiving changes includes a module for receiving information for the properties(see col.

32 line 66 – col. 33 line.9).

As to claim 43, Chakrabarti teaches the apparatus of claim 41 wherein the module for specifying properties includes a module for specifying permissions associated with users having access to the master node, the permissions specifying changes the users can make to the master node (see col. 12 lines 10 – 23).

As to claim 44, Chakrabarti teaches the apparatus of claim 43 wherein the module for specifying permissions includes a module for specifying default permissions(see col. 12 lines 10 – 23).

As to claim 45, Chakrabarti teaches an apparatus for modifying an hierarchical structure for electronically organizing content in a channel communicating over a network with content sites, the structure specifying a channel node having a network address and hierarchically arranged sub-nodes each selectively having a pointer to particular content and links specifying the hierarchy, the apparatus comprising:

a display module for displaying a representation of the structure(see col. 6 lines 37 – 53and fig. 5);

a receive module for receiving a selection of a node during a user session(see col. 12 lines 10 – 23);

a classify module for classifying the node as a custom node controlled by the user-specified properties(see col. 12 lines 10 – 23) ;

a module for receiving an identification of a location to insert the custom node within the hierarchical structure during the user session(see col. 13 line 63 – col. 14 line 14); and

an insert module for inserting a representation of the custom node in the identified location of the hierarchical structure(see col.12 lines 29 – 47).

As to claim 46, Chakrabarti teaches the apparatus of claim 45 wherein the classify module includes a module for specifying data for the custom node based upon the user-specified properties(see col. 32 line 66 – col. 33 line.9).

As to claim 47, Chakrabarti teaches the apparatus of claim 45 wherein the selection module includes a module for receiving selection of a particular one of a plurality of preconfigured custom nodes (see col. 12 lines 29 – 47).

As to claim 48, Chakrabarti teaches the apparatus of claim 45, further including a module for receiving identification of user-specified fields for the custom node (see col. 13 line 63 – col. 14 line 14).

As to claim 49, Chakrabarti teaches the apparatus of claim 45 wherein the receive module includes a module for receiving a query used to retrieve sub-nodes for the custom node (see col. 13 lines63 – col. 14 line 14).

As to claim 50, Chakrabarti teaches the apparatus of claim 49 wherein the receive module includes a module for receiving as the query an identification of a location and a term for use in performing a search of the term at the location to obtain sub-nodes for the custom node(see col. 13 lines63 – col. 14 line 14).

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As to claim 51, Chakrabarti teaches a structure for electronically organizing content in a channel communicating over a network with content sites, comprising:

a master node having a network address and having properties specifying a location of content associated with the master node(see col. 13 line 63 – col. 14 line 14);

a master structure specifying a structure of sub-nodes for the master node; copies of the master node associated with user groups(see col. 32 line 66 – col. 33 line.9); and

links between the master node and the copies of the master node, wherein the links are used to propagate the properties and the master structure to the copies of the master node(see col. 6 lines 54 - col.7 line 6).

As to claim 52, Chakrabarti teaches a structure for electronically organizing content in a channel communicating over a network with content sites, comprising:

a custom node having a network address, wherein the custom node has user-specified properties(see col. 32 line 66 – col. 33 line.9);

sub-nodes each selectively having a pointer to particular content(see col. 6 lines 37 – 53and fig. 5);

links between the custom node and the sub-nodes; pages associated with the sub-nodes; and links between the pages and the sub-nodes(see col. 6 lines 37 – 53 and figs. 5 and 8).

As to claim 53, Chakrabarti teaches the structure of claim 52 wherein the custom node has user-specified fields(see col. 13 line 63 – col. 14 line 14).

As to claim 54, Chakrabarti teaches the structure of claim 52 wherein the custom node has a query used to retrieve sub-nodes for the custom node (see col. 13 lines 63 – col. 14 line 14).

As to claim 55, Chakrabarti teaches the structure of claim 54 wherein the query specifies an identification of a location and a term for use in performing a search of the term at the location to obtain sub-nodes for the custom node(see col. 13 lines 63 – col. 14 line 14).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sargon N. Nano whose telephone number is (571) 272-4007. The examiner can normally be reached on 8 hour.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sargon Nano
May 16, 2005



SALEH NAJJAR
PRIMARY EXAMINER